

Adding and Subtracting Fractions with Like Denominators

P 4-1

Find each sum or difference. Simplify your answer.

1. $\frac{6}{11} + \frac{4}{11} =$ _____

2. $\frac{5}{9} - \frac{2}{9} =$ _____

3. $\frac{5}{3} + \frac{4}{3} =$ _____

4. $\frac{9}{20} + \frac{7}{20} =$ _____

5. $\frac{15}{16} + \frac{6}{16} =$ _____

6. $\frac{9}{10} - \frac{4}{10} =$ _____

7. $\frac{7}{8} - \frac{6}{8} =$ _____

8. $\frac{8}{15} - \frac{5}{15} =$ _____

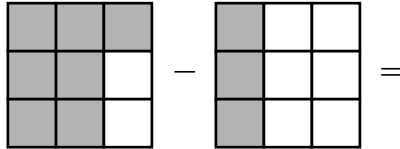
9. $\frac{3}{13} + \frac{11}{13} + \frac{5}{13} =$ _____

10. $\frac{8}{9} - \frac{2}{9} =$ _____

11. $\frac{6}{11} + \frac{3}{11} + \frac{1}{11} =$ _____

12. $\frac{19}{20} - \frac{11}{20} =$ _____

13. Write the number sentence shown by the picture and solve it.



14. **Number Sense** Which sum is closer to 2, $\frac{11}{12} + \frac{14}{12}$ or $\frac{7}{9} + \frac{8}{9}$?

15. Max has 13 pairs of socks. Of them, 6 pairs are blue, 3 pairs are brown, 2 pairs are black, and 2 pairs are white. What fraction of Max's socks are either brown or black?

16. Find two fractions whose difference is $\frac{3}{8}$.

Test Prep

17. The sum of which two fractions will be in simplest form?

A. $\frac{4}{8} + \frac{3}{8}$

B. $\frac{2}{16} + \frac{6}{16}$

C. $\frac{8}{6} + \frac{10}{6}$

D. $\frac{5}{15} + \frac{5}{15}$

18. **Writing in Math** Explain how you can add two fractions with denominators of 10 and end up with a sum whose denominator is 5.
